FORM PTO/SB/08 (08-00) Substitute for form 1449/PTO  US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT  O P (Use reveral sheets if necessary)				ATTY DOCKET NO. 08234.039  APPLICANT(S)			APPLICATION NO. 10/830,038					
1/	-	4		KOCHMAN et al.								
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1	2	2,496,279	2/1	950	ELY et al.					$\dashv$		
	3	2,820,085	1/19	958	CROWLEY	-	-	$t^-$		$\neg$		
	4	3,349,359	MOREY									
	5	5 3,385,959 5/1968 AMES et al.								$\neg$		
	6	3,627,981 A	12/	14/1971	KUHN			1				
	7	3,657,516	4/19	972	FUJIHARA							
	8	3,774,299	11/	1973	SATO et al.							
	9	3,808,403 A	4/30	0/1974	774 KANAYA et al.							
	10	3,825,870	7/19	974	ONO et al.			$\Box$				
	11	3,935,422	1/19	976	BARNES et al.							
	12	4,051,094 A	9/27	7/1977	REUTER et al.							
	13	4,149,066	4/19	979	NIIBE							
	14	4,250,397	2/19	981	GRAY			П				
	15	4,309,596	1/19	982	CROWLEY				1			
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APPLICANT(S)   KOCHMAN et al.		49/PTO US I ATEN	DEPT. OF COMMERCE T & TRADEMARK OFFICE ON DISCLOSURE STATEMENT		ATTY DOCKET NO. 08234.039			APPLICATION NO. 10/830,038				
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	34	5,824,996	10/	20/1998	KOCHMAN et al.	KOCHMAN et al.							
	35	5,824,996	. 10/2	20/1998	KOCHMAN et al.								
	36	6,031,214	2/2	000	BOST et al.								
	37	6,078,025 A	6/20	0/2000	YEUNG			$\neg$	$\neg$				
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	40	DE 32 33 904	03/	1984	GERMANY								
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	42	FR 2 323 289	04/	1977	FRANCE								
	43	FR 2 590 433	5/22	2/1987	FRANCE								
	44	GB 1 243 898	08/	1971	GREAT BRITAN		-						
	45	JP 07 006867	1/10	)/1995	JAPAN								
	46	WO95/33358	12/	1995	WIPO				$\dashv$				
	47	WO98/01009	01/	1998	WIPO			1					
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